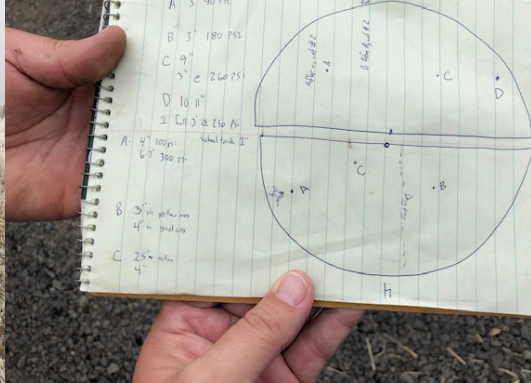


A large center pivot irrigation system is shown in a field. The system consists of a long metal arm supported by a series of wheels, with a motor at the end. The field is covered in dry, yellowish-brown grass. In the foreground, there is a deep, muddy wheel track. The sky is clear and blue.

**FITZNER FARMS  
EXPERIENCES  
MEASURABLE  
RESULTS WITH  
HYDRATE PLUS NF**





We have been using Hydrate Plus NF for this hay season. We applied it through some irrigated pivots using a chemigation process. We started with a fresh pressuremeter/probe on all the fields to see at what depth the hard pan was on the surface of the fields. We had anywhere from 1" to 3" penetration before any applications. With one application of one quart per acre, we were seeing results of 6" to 8" penetration. We followed that up with a second application about 4 or 5 weeks later, after which we saw about 90% of our probes were at a full 3' depth, so we saw some immediate results. We tried some testing directly behind the pivots, which were applying the second application, and saw almost immediate results. One hundred feet behind the original 6" to 8" depth, it went all the way down to 3' in the same pivot track in the same field.

We had a problem with one of our pivots getting stuck in an old field of timothy grass and we were getting stuck a lot. After the second application, we decreased that problem by at least 75%. We saw a lot less runoff in one of our pivots that had an elevation across the field. We have a waterway through the middle of it where we typically have standing water. There was no standing water left. I honestly didn't think I would have the results that I was told that I would, but the proof was right in front of me. I was expecting Hydrate Plus NF to be typical snake oil, however, it did better than what I was expecting. I did not think that the results would be so immediate. For the most part, it was pretty instant. We had a 40-acre wiper pivot of new seedling Alfalfa and the tap root was about 3" to 4" deep, and it was causing the tap root to turn at that hard layer where the water was not penetrating prior to the Hydrate Plus NF. We had some yellowing at the leaves in several good-sized areas on that pivot. We used a quart per acre and within five days all those yellow patches were gone.

We had a compaction problem at this farm prior to using Hydrate Plus NF. It was planted in timothy grass for over 10 years before we began working the field. The compaction problem was pretty huge for us and the Hydrate Plus NF has really helped with that issue. We are excited to see how the testing with the AquaSpy moisture tester will work in conjunction with the Hydrate Plus NF in 2020.

Hydrate Plus NF is just simply a great product, the results speak for themselves! I would recommend using it on any area where you can add it to your spray or irrigation. We are even using it on our dryland operation, not just our irrigation.

Chris Fitzner,  
Fitzner Farms

PRINTED IN U.S.A. 2019  
LXXXXXX

